

EXHIBIT 40



JunosE™ Software for E Series™ Broac

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JunosE™ Software for E Series™ Broadband Services Routers System Basics Configuration Guide

Release 15.1.x

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The information in this document is current as of the date on the title page.

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Juniper Networks hardware and software products are Year 2000 compliant. Junos OS has no known time-related limitations through the year 2038. However, the NTP application is known to have some difficulty in the year 2036.

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E Series and JunosE

Release Notes

For a list of related JunosE documentation, see [docs/software/index.html](#).

If the information in the latest release notes differs from the information in the documentation, follow the *JunosE Release Notes*.

To obtain the most current version of all Juniper Networks® technical documentation, see the product documentation page on the Juniper Networks website at [docs/](#).







Audience

This guide is intended for experienced system and network specialists working with Juniper Networks E Series Broadband Services Routers in an Internet access environment.

JunosE Text and Syntax Conventions

Table 1 on page xxviii defines notice icons used in this documentation.

Table 1: Notice Icons

Icon	Meaning	Description
	Informational note	Indicates important features or instructions.
	Caution	Indicates a situation that might result in loss of data or hardware damage.
	Warning	Alerts you to the risk of personal injury or death.
	Laser warning	Alerts you to the risk of personal injury from a laser.
	Tip	Indicates helpful information.
	Best practice	Alerts you to a recommended use or implementation.

defines text and syntax conventions that we use throughout the E Series and JunosE documentation.

Table 2: Text and Syntax Conventions

Convention	Description	Examples
Bold text like this	Represents commands and keywords in text.	<ul style="list-style-type: none"> Issue the clock source command. Specify the keyword exp-msg.
Bold text like this	Represents text that the user must type.	host1(config)#traffic class low-loss1
Fixed-width text like this	Represents information as displayed on your terminal's screen.	host1#show ip ospf 2 Routing Process OSPF 2 with Router ID 5.5.0.250 Router is an Area Border Router (ABR)
<i>Italic text like this</i>	<ul style="list-style-type: none"> Emphasizes words. Identifies variables. Identifies chapter, appendix, and book names. 	<ul style="list-style-type: none"> There are two levels of access: <i>user</i> and <i>privileged</i>. <i>clusterid</i>, <i>ipAddress</i> <i>Appendix A, System Specifications</i>
Plus sign (+) linking key names	Indicates that you must press two or more keys simultaneously.	Press Ctrl + b.

Table 2: Text and Syntax Conventions (*continued*)

	Description	
Syntax Conventions in the Command Reference Guide		
Plain text like this	Represents keywords.	terminal length
<i>Italic text like this</i>	Represents variables.	<i>mask, accessListName</i>
(pipe symbol)	Represents a choice to select one keyword or variable to the left or to the right of this symbol. (The keyword or variable can be either optional or required.)	diagnostic line
[] (brackets)	Represent optional keywords or variables.	[internal external]
[]* (brackets and asterisk)	Represent optional keywords or variables that can be entered more than once.	[level1 level2 .1]*
{ } (braces)	Represent required keywords or variables.	{ permit deny } { in out } [clusterId ipAddress]

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To obtain the most current version of all Juniper Networks technical documentation, see the [Technical Documentation page](#) on the Juniper Networks website at

.

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Copies of the Management Information Bases (MIBs) for a particular software release are available for download in the software image bundle from the Juniper Networks website at www.juniper.net/.

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- Document or topic name
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- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the *JTAC User Guide* located at <http://www.juniper.net/uservloclndd/resource/Jtacsw7-04-059-en.pdf>.
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: www.juniper.net/customers/support
- Search for known bugs: <http://www2.juniper.net/kb/>
- Find product documentation: <http://www.juniper.net/techpub>
- Find solutions and answer questions using our Knowledge Base:
- Download the latest versions of software and review release notes: [customers/csc/software/](http://www.juniper.net/customers/csc/software/)
- Search technical bulletins for relevant hardware and software notifications: [enter/](http://www.juniper.net/enter/)
- Join and participate in the Juniper Networks Community Forum: [company/communities/](http://www.juniper.net/company/communities/)
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://tools.juniper.net/FindingSerialNumberTool/SerialNumberSearch/>

Working with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <http://www.juniper.net/cm/>.
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <http://www.juniper.net/support/customer-support.html>.

PART I

ERS

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CHAPTER 1

ing Your Netw

This chapter describes planning steps that will make it easier to configure the physical interfaces, logical interfaces, and routing protocols for the Juniper Networks E Series Broadband Services Routers in:

- A new network that you are creating and implementing
- An existing network that you are expanding

This chapter contains the following sections:

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iterations

For information about the modules supported on E Series routers: